AMENDMENTS TO THE CLAIMS

This listing will replace all prior versions, and listings, of claims in the application:

1. (Previously presented) A single-lip drill comprising:

a drill head;

a bit integrally formed on the drill head and defining a cutting wedge; and

at least one cutting edge provided on the ~~drill bit~~ cutting wedge for machining by cutting of a workpiece,

wherein the cutting edge is associated at least one chip former for shaping the chips cut off by the cutting edge, and

wherein the chip former comprises a slot having a substantially U-shaped cross-section and has a positive rake angle (γ) between the tool face and an imaginary line perpendicular to a machining face of the workpiece to be cut.

2. (Previously presented) Single-lip drill according to claim 1, wherein the rake angle (γ) is between 10 and 30°.

3. (Previously presented) Single-lip drill according to claim 1, wherein the chip former has a chip guide face for guiding the chips and at least one chip break section for breaking the chips.

4. (Previously presented) Single-lip drill according to claim 2, wherein the chip break section is positioned at a distance from the cutting edge suitable for setting a desired chip size.

5. (Previously presented) Single-lip drill according to claim 4, wherein the distance is between 0.2 and 1.5 mm.

6. (Currently amended) Single-lip drill according to claim 1, wherein the chip former ~~is constructed as a~~ slot is adjacent to the cutting edge.

7. (Previously presented) Single-lip drill according to claim 1, wherein a functional coating is provided on at least one functional surface of the single-lip drill.

8. (Previously presented) Single-lip drill according to claim 7, wherein at least one of the chip former and at least one clearance is provided with the functional coating.

9. (Previously presented) Single-lip drill according to claim 7, wherein the functional coating is provided on all the functional surfaces participating in the cutting process.

10. (Previously presented) Single-lip drill according to claim 7, wherein the functional coating is at least partly made from hard material.

11. (Previously presented) Single-lip drill according to claim 25, wherein a nitride or carbide is provided as the metallic hard material.

12. (Previously presented) Single-lip drill according to claim 25, wherein titanium aluminium nitride is provided as the metallic hard material.

13. (Previously presented) Single-lip drill according to claim 7, wherein the functional coating has several layers.

14. (Previously presented) Single-lip drill according to claim 13, wherein at least one hard material layer and at least one soft material layer adjacent to the hard material layer is provided, the hard material layer forming an outer layer.

15. (Currently amended) Method for the manufacture of a single-lip drill, the method comprising the following steps:

manufacturing a drill head with an integral single-lip drill geometry to define a cutting wedge,

applying a chip former to the cutting wedge in the vicinity of a bit of the single-lip drill, the chip former comprising a slot having a substantially U-shaped cross-section and having a positive rake angle (γ) between the tool face and an imaginary line perpendicular to a machining face of the workpiece to be cut, and

coating at least part of the surface of the drill head with a functional coating after the chip former has been applied.

16. (Previously presented) Method according to claim 15, wherein the functional coating is applied following a resharpening of the drill head.

17. (Previously presented) Method according to claim 15, wherein at least the chip former is coated.

18. (Previously presented) Method according to claim 15, wherein all the surfaces participating in the cutting process are coated.

19. (Cancelled)

20. (Currently amended) Method according to claim 15, wherein the chip former ~~is constructed as a~~ slot is formed adjacent to the cutting edge of the bit.

21. (Previously presented) Single-lip drill according to claim 2, wherein the rake angle (γ) is between 15 and 25°.

22. (Previously presented) Single lip drill according to claim 5, wherein the distance is between 0.3 and 0.6 mm.

23. (Cancelled).

24. (Previously presented) Single-lip drill according to claim 7, wherein the functional coating is configured to increase wear resistance.

25. (Previously presented) Single-lip drill according to claim 10, wherein the hard material is a metallic hard material.

26. (Cancelled).